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PPL Services Corp.
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Allentown, PA 18101-1179
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DEP: SENT VIA CERTIFIED MAIL RETURN RECEIPT NO. – 7007 2680 0000 5151 2794

EPA: SENT VIA CERTIFIED MAIL RETURN RECEIPT NO. – 7007 2680 0000 5151 2800

December 7, 2011

Mr. William Weaver
Southcentral Regional Air Program Manager
PA Department of Environmental Protection
909 Elmerton Avenue
Harrisburg, PA 17110-8200

Ms. Diana Esher
Director, Air Protection Division (3AP00)
U.S. EPA Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

PPL RENEWABLE ENERGY, LLC
FREY FARM / CRESWELL LANDFILL – LANDFILL GAS TO ENERGY FACILITY
TITLE V PERMIT NO. 36-05146
40 CFR PART 63, SUBPART ZZZZ INITIAL NOTIFICATION


Dear Mr. Weaver and Ms. Esher:

As per the notification requirements set forth in 40 CFR Part 63, Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines the enclosed documentation is being submitted to satisfy the “Initial Notification” requirement under §63.6645(f).

Please be advised, to date, this facility has been operating as an “Existing Area” source under the rule. However, due to results of recent formaldehyde emissions testing, the facility will most likely exceed the 10 ton/year single HAP limit and become a major source. This notification is being made with the anticipation that it will exceed the 10 ton/year single HAP limit. The facility is operating in compliance with all other applicable Subpart ZZZZ Major source requirements.

If you require additional information or have any questions regarding the enclosed notification form, please feel free to contact me at: (610) 774-5410 or e-mail ejwerkheiser@pplweb.com.

Sincerely,



Edward J. Werkheiser
Sr. Environmental Professional

Enclosure

Cc: Enos Martin, P.E.
Gary Platt
Denise Sale
File Copy

GENPL2
Plant/Facility
GENPL2
GENTW20

RECEIVED
DEC 14 2011
3AP20

Initial Notification of Applicability

National Emission Standards for Hazardous Air Pollutants:

Stationary Reciprocating Internal Combustion Engines

40 CFR Part 63 Subpart ZZZZ

☒ Yes, I am subject to 40 CFR Part 63 subpart ZZZZ National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

NAICS code(s): 22, 221

Compliance Date: ☐ Existing source: May 3, 2013 ☒ New/reconstructed source: upon initial startup*

*The engines became operational on – **November 28, 2005**. The facility was initially being looked at as being an "Existing Area" source under Subpart ZZZZ; however, due to recent results of formaldehyde emissions testing, the facility will most likely exceed the 10 ton/year single HAP limit (formaldehyde) and become a "New & Reconstructed Major" source under Subpart ZZZZ. This "Initial Notification" is being submitted with the anticipation that the facility will become a Major source. The facility is operating in compliance with the requirements set forth in 40 CFR Part 63, Subpart ZZZZ.

Engine Description: The facility operates two (2) Caterpillar G3520C reciprocating internal combustion engines with a heat input rating of 2,233 BHP per engine. The engines are spark-ignited, lean burn engines which are rated for low emissions combustion (1.0 g/BHP-hr NO_x emissions) and are suitable for low-energy, low pressure fuels such as landfill gas (LFG). The engines fire LFG generated by the Frey Farm / Creswell Sanitary Landfill. The engines operate at a typical LFG flow rate of 507 SCFM at 50% methane. However, actual flow rate may vary depending on the LFG quality (percent methane). Methane content of the LFG may vary from 40 to 60% methane, correlating to a high heat value (HHV) range from 300 to 600 BTU/CF, where a typical heat value is 1,012 BTU/CF at 100% methane.

Company name: PPL Renewable Energy, LLC

Facility name (if different): Frey Farm / Creswell Landfill – Landfill Gas to Energy Facility

Facility (physical location) address: River Road, Conestoga, PA 17516

My facility is a (please choose one): ☒ **Major source** ☐ Area source

☐ Synthetic minor

PADEP Title V Permit No. 36-05146 (Issued March 16, 2007)

Federal Tax ID No. 84-1637748-1

Company Representative Name/Title: Mr. Enos M. Martin, P.E. / Asset Manager

Representative/Company Address: PPL Renewable Energy, LLC (GENPL2)

Two North Ninth Street

Allentown, PA 18101

Representative Telephone Number: (610) 774-4164

Representative Email Address (if available): emmartin@pplweb.com

If the Operator information is different from the Owner, please provide the following:

Operator name/title: Gary Platt / Plant Operations Manager

Operator telephone number: Office No. (717) 871-1555 / Cell Phone No. (914) 879-1577

Operator email address (if available): gplatt@pplweb.com

I hereby certify that the information presented herein is correct to the best of my knowledge.

Enos M. Martin
(Signature)

Dec 6, 2011
(Date)

Enos M. Martin / Asset Manager
(Name/title)

(610) 774-4164
(Telephone No.)